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Docket No.: 52-026

ND-23-0183
10 CFR 52.99(c)(1)

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001

Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 4
ITAAC Closure Notification on Completion of ITAAC Item 2.3.11.03b [Index Number 454]

Ladies and Gentlemen:

In accordance with 10 CFR 52.99(c)(1), the purpose of this letter is to notify the Nuclear Regulatory Commission (NRC) of the completion of Vogtle Electric Generating Plant (VEGP) Unit 4 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Item 2.3.11.03b [Index Number 454]. This ITAAC confirms that a simulated high radiation signal causes the discharge control isolation valve WGS-PL-V051 to close. The closure process for this ITAAC is based on the guidance described in Nuclear Energy Institute (NEI) 08-01, "Industry Guideline for the ITAAC Closure Process under 10 CFR Part 52," which is endorsed by the NRC in Regulatory Guide 1.215.

This letter contains no new NRC regulatory commitments. Southern Nuclear Operating Company (SNC) request NRC staff confirmation of this determination and publication of the required notice in the Federal Register per 10 CFR 52.99.

If there are any questions, please contact Kelli Roberts at 706-848-6991.

Respectfully submitted,



Jamie M. Coleman
Regulatory Affairs Director Vogtle 3 & 4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC 2.3.11.03b [Index Number 454]

JMC/TJC/sfr

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cc: Regional Administrator, Region II
Director, Office of Nuclear Reactor Regulation (NRR)
Director, Vogtle Project Office NRR
Senior Resident Inspector – Vogtle 3 & 4

**Southern Nuclear Operating Company
ND-23-0183
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC 2.3.11.03b [Index Number 454]**

ITAAC Statement

Design Commitment

3.b) The WGS provides the nonsafety-related function of controlling the releases of radioactive materials in gaseous effluents.

Inspections/Tests/Analyses

Tests will be performed to confirm that the presence of a simulated high radiation signal from the discharge radiation monitor, WGS-017, causes the discharge control isolation valve WGS-PL-V051 to close.

Acceptance Criteria

A simulated high radiation signal causes the discharge control isolation valve WGS-PL-V051 to close.

ITAAC Determination Basis

Testing was performed to confirm the Gaseous Radwaste System (WGS) provides the nonsafety-related function of controlling the release of radioactive materials in gaseous effluents by verifying a simulated high radiation signal caused the discharge control isolation valve WGS-PL-V051 to close.

Testing was performed in accordance with the Unit 4 component test package documented in Reference 1 which verified WGS-PL-V051 was initially open. The test simulated a high radiation signal on the discharge radiation monitor and WGS-PL-V051 was verified to close on the Plant Control System (PLS) monitor in the Main Control Room and verification was documented in the component test package.

This testing verifies that a simulated high radiation signal causes the discharge control isolation valve WGS-PL-V051 to close.

Reference 1 is available for NRC inspection as part of Unit 4 ITAAC Completion Package (Reference 2).

ITAAC Finding Review

In accordance with plant procedures for ITAAC completion, Southern Nuclear Operating Company performed a review of all findings pertaining to the subject ITAAC and associated corrective actions. This review found there were no relevant ITAAC findings associated with this ITAAC.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.3.11.03b was performed for VEGP Unit 4 and that the prescribed acceptance criteria were met.

Systems, structures, and components verified as part of this ITAAC are being maintained in their as-designed, ITAAC compliant condition in accordance with approved plant programs and procedures.

References (available for NRC inspection)

1. SV4-WGS-ITR-800454, Rev. 0, "Unit 4 WGS Provides Nonsafety-Related Function of Controlling the Releases of Radioactive Materials in Gaseous Effluents ITAAC 2.3.11.03b, NRC Index Number: 454"
2. 2.3.11.03b-U4-CP-Rev0, ITAAC Completion Package